

Work Order ID 114490

March-07-14 3:31:43 PM

Blue

114490

Page 1

Item ID: D2932-1

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: 206 Saddle Left Side

Start Date: 07/03/2014 Start Qty: 12.00

12

Cust Item ID:

Required Date: 28/03/2014 Req'd Qty: 12.00

12

Customer:

Reference:

Approvals:

Process Plan: 

Date: 14-03-10

Tooling:

Date:

Run Start *NR1*

QC:

Date:

SPC (Y/N):

Date:

Stop *NR2*

| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|

| Draw Nbr | Revision Nbr |
|----------|--------------|
| D2932 | Rev C |

100

0.00

100

HAAS 1

HAAS CNC vertical machine #1

HAAS CNC VERTICAL MACHINING #1

Memo

0.00

Program part number and batch number.1-Inspect part number and batch number are programmed correctly.2-Machine Step No 1 of Folio and visually inspect as per dwg D2932 & attached Dimension Sheet 3-Machine Step No 2 of Folio and visually inspect as per

12

Ø

DAS
40
9-89

14/03/29

110

0.00

110

Mill Conv

Conventional Milling Machine

CONVENTIONAL MILLING MACHINE

Memo

0.00

Machine Keyway and inspect per attached dimension sheet

12

Ø

DAS
40
9-89

14/03/29

120

QC1- Inspect dimensions to dimension sheet

0.00

120

QC

Quality Control

Memo

0.00

12

Ø

DAS
40
9-89

14/03/29

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

| | | | | | | | | | | | | | | | | | | |
|--|--|--|--------------------------------------|------------------------------------|------------------------------------|--------------------------------------|------------------------------------|------------------------------------|--|----------------------------------|--|------------------------------------|--|--------------------------------|------------------------------------|------------------------------------|-----------------------------------|--|
| Work Order: _____ Part No. _____ NCR No. _____ | DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/> | AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table> | Skid-tube <input type="checkbox"/> | Crosstube <input type="checkbox"/> | Water Jet <input type="checkbox"/> | Engineering <input type="checkbox"/> | Machining <input type="checkbox"/> | Small Fab <input type="checkbox"/> | Prod. Eng. Coord. <input type="checkbox"/> | Quality <input type="checkbox"/> | Thermoforming <input type="checkbox"/> | Finishing <input type="checkbox"/> | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/> | Large Fab <input type="checkbox"/> | Composite <input type="checkbox"/> | Supplier <input type="checkbox"/> | |
| Skid-tube <input type="checkbox"/> | Crosstube <input type="checkbox"/> | Water Jet <input type="checkbox"/> | Engineering <input type="checkbox"/> | | | | | | | | | | | | | | | |
| Machining <input type="checkbox"/> | Small Fab <input type="checkbox"/> | Prod. Eng. Coord. <input type="checkbox"/> | Quality <input type="checkbox"/> | | | | | | | | | | | | | | | |
| Thermoforming <input type="checkbox"/> | Finishing <input type="checkbox"/> | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/> | | | | | | | | | | | | | | | |
| Large Fab <input type="checkbox"/> | Composite <input type="checkbox"/> | Supplier <input type="checkbox"/> | | | | | | | | | | | | | | | | |

| Root Cause | Date | Step | Qty | Description of work order update or non-conformance | Initial Chief Eng | Action Description | Sign & Date | Verification | QC Inspector |
|---------------|------|------|-----|---|-------------------|--------------------|-------------|--------------|--------------|
| Design | | | | | | | | | |
| Doc/Data | | | | | | | | | |
| Equip/Tooling | | | | | | | | | |
| Handling/Pre | | | | | | | | | |
| Material | | | | | | | | | |
| Operator | | | | | | | | | |
| Offset/Setup | | | | | | | | | |
| Process | | | | | | | | | |
| Supplier | | | | | | | | | |
| Training | | | | | | | | | |
| Transport | | | | | | | | | |
| Unapproved | | | | | | | | | |

FAULT CATEGORY

| | | | |
|--|--|---|--|
| Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube | General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function | <input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence | <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other |
|--|--|---|--|

Work Order ID 114490

March-07-14 3:31:43 PM

114490

Page 2

Item ID: D2932-1 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: 206 Saddle Left Side
Start Date: 07/03/2014 Start Qty: 12.00 ***12*** Cust Item ID:
Required Date: 28/03/2014 Req'd Qty: 12.00 ***12*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|

| | | | | | | | | | |
|-----|-----------------------------------|------|--|--|--|--|--|--|--|
| 130 | QC8- Inspect parts - second check | 0.00 | | | | | | | |
|-----|-----------------------------------|------|--|--|--|--|--|--|--|

130

QC

Memo

Quality Control

| | | | | | | | | | |
|-----|---|------|--|--|--|--|--|--|--|
| 140 | Chemical Conversion Coat per QSI005 4.1 | 0.00 | | | | | | | |
|-----|---|------|--|--|--|--|--|--|--|

140

HandFinish

Memo

Hand Finishing

| | | | | | | | | | |
|-----|--|------|--|--|--|--|--|--|--|
| 150 | White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum | 0.00 | | | | | | | |
|-----|--|------|--|--|--|--|--|--|--|

150

Powdercoat

Memo

Powder Coating

START TIME:

OVEN TEMPERATURE:

FINISH TIME:

Blue

Primer: M 128 927

Paint: 127671

Clear: 125 385

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

| | | | | | | | | | | | | | | | | | | |
|--|--|---|--------------------------------------|------------------------------------|------------------------------------|--------------------------------------|------------------------------------|------------------------------------|--|----------------------------------|--|------------------------------------|--|--------------------------------|------------------------------------|------------------------------------|-----------------------------------|--|
| Work Order: _____ Part No. _____ NCR No. _____ | DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/> | AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table> | Skid-tube <input type="checkbox"/> | Crosstube <input type="checkbox"/> | Water Jet <input type="checkbox"/> | Engineering <input type="checkbox"/> | Machining <input type="checkbox"/> | Small Fab <input type="checkbox"/> | Prod. Eng. Coord. <input type="checkbox"/> | Quality <input type="checkbox"/> | Thermoforming <input type="checkbox"/> | Finishing <input type="checkbox"/> | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/> | Large Fab <input type="checkbox"/> | Composite <input type="checkbox"/> | Supplier <input type="checkbox"/> | |
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| Thermoforming <input type="checkbox"/> | Finishing <input type="checkbox"/> | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/> | | | | | | | | | | | | | | | |
| Large Fab <input type="checkbox"/> | Composite <input type="checkbox"/> | Supplier <input type="checkbox"/> | | | | | | | | | | | | | | | | |

| Root Cause | Date | Step | Qty | Description of work order update or non-conformance | Initial Chief Eng | Action Description | Sign & Date | Verification | QC Inspector |
|---------------|------|------|-----|---|-------------------|--------------------|-------------|--------------|--------------|
| Design | | | | | | | | | |
| Doc/Data | | | | | | | | | |
| Equip/Tooling | | | | | | | | | |
| Handling/Pre | | | | | | | | | |
| Material | | | | | | | | | |
| Operator | | | | | | | | | |
| Offset/Setup | | | | | | | | | |
| Process | | | | | | | | | |
| Supplier | | | | | | | | | |
| Training | | | | | | | | | |
| Transport | | | | | | | | | |
| Unapproved | | | | | | | | | |

FAULT CATEGORY

| | | | |
|--|--|---|---|
| Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube | General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function | <input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence | <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other _____ _____ _____ |
|--|--|---|---|

Work Order ID 114490

March-07-14 3:31:43 PM

114490

Page 3

Item ID: D2932-1 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: 206 Saddle Left Side
 Start Date: 07/03/2014 Start Qty: 12.00 *12* Cust Item ID:
 Required Date: 28/03/2014 Req'd Qty: 12.00 *12* Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|--|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
| 160 | QC3- Inspect Part Finish | 0.00 | | | | | | | |
| *160* | QC14 | | | | | | | | |
| QC | Memo | 0.00 | | | | | | | |
| Quality Control | | | | | | | | | |
| 170 | Identify as per dwg & Stock Location: 87446A | 0.00 | | | | | | | |
| *170* | | | | | | | | | |
| Packaging | Memo | 0.00 | | | | | | | |
| Packaging | | | | | | | | | |
| 180 | QC21- Final Inspection - Work Order Release | 0.00 | | | | | | | |
| *180* | | | | | | | | | |
| QC | Memo | 0.00 | | | | | | | |
| Quality Control | | | | | | | | | |

DAS
26
9-89

14 - 04 - 28 (x12)
 12x 14-4-28
 14/4/29
 14-04-28

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

| | | | | | | | | | | | | | | | | | | |
|--|--|---|--------------------------------------|------------------------------------|------------------------------------|--------------------------------------|------------------------------------|------------------------------------|--|----------------------------------|--|------------------------------------|--|--------------------------------|------------------------------------|------------------------------------|-----------------------------------|--|
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| Root Cause | Date | Step | Qty | Description of work order update or non-conformance | Initial Chief Eng | Action Description | Sign & Date | Verification | QC Inspector |
|---------------|------|------|-----|---|-------------------|--------------------|-------------|--------------|--------------|
| Design | | | | | | | | | |
| Doc/Data | | | | | | | | | |
| Equip/Tooling | | | | | | | | | |
| Handling/Pre | | | | | | | | | |
| Material | | | | | | | | | |
| Operator | | | | | | | | | |
| Offset/Setup | | | | | | | | | |
| Process | | | | | | | | | |
| Supplier | | | | | | | | | |
| Training | | | | | | | | | |
| Transport | | | | | | | | | |
| Unapproved | | | | | | | | | |

FAULT CATEGORY

| | | |
|--|--|---|
| Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube | General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function | <input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other |
|--|--|---|

Picklist Print

March-07-14 3:31:48 PM

Page 1

Work Order ID: 114490

114490

Parent Item: D2932-1

D2932-1

Parent Item Name: 206 Saddle Left Side

Start Date: 07/03/2014

Required Date: 28/03/2014

Start Qty: 12.00

Required Qty: 12.00

Comments: IPP: B00.06.26New DWG rev, (mpp 2069)EC
IPP Rev:C As per Rev C 07-03-19 JLM

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
| D6101-003 | | Manufactured | No | | | 100 | Each | 13.0000 | 1 | 12 | | | |

D6101-003

Saddle Billet, 7075

DL 14-03-27.

Location

Loc Qty

Loc Code

MAT045

13

108298

7

109528

2

111016

4

13748

5

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

| | | | | | | | | | | | | | | | | | | |
|--|--|--|--------------------------------------|------------------------------------|------------------------------------|--------------------------------------|------------------------------------|------------------------------------|--|----------------------------------|--|------------------------------------|--|--------------------------------|------------------------------------|------------------------------------|-----------------------------------|--|
| Work Order: _____ Part No. _____ NCR No. _____ | DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/> | AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table> | Skid-tube <input type="checkbox"/> | Crosstube <input type="checkbox"/> | Water Jet <input type="checkbox"/> | Engineering <input type="checkbox"/> | Machining <input type="checkbox"/> | Small Fab <input type="checkbox"/> | Prod. Eng. Coord. <input type="checkbox"/> | Quality <input type="checkbox"/> | Thermoforming <input type="checkbox"/> | Finishing <input type="checkbox"/> | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/> | Large Fab <input type="checkbox"/> | Composite <input type="checkbox"/> | Supplier <input type="checkbox"/> | |
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| Thermoforming <input type="checkbox"/> | Finishing <input type="checkbox"/> | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/> | | | | | | | | | | | | | | | |
| Large Fab <input type="checkbox"/> | Composite <input type="checkbox"/> | Supplier <input type="checkbox"/> | | | | | | | | | | | | | | | | |

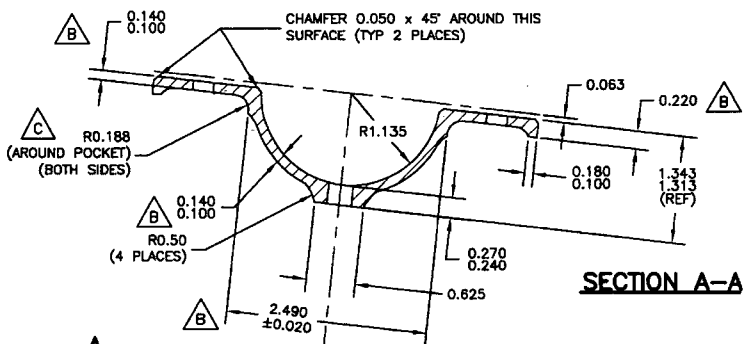
| Root Cause | Date | Step | Qty | Description of work order update or non-conformance | Initial Chief Eng | Action Description | Sign & Date | Verification | QC Inspector |
|--|------|------|-----|---|-------------------|--------------------|-------------|--------------|--------------|
| Design <input type="checkbox"/> | | | | | | | | | |
| Doc/Data <input type="checkbox"/> | | | | | | | | | |
| Equip/Tooling <input type="checkbox"/> | | | | | | | | | |
| Handling/Pre <input type="checkbox"/> | | | | | | | | | |
| Material <input type="checkbox"/> | | | | | | | | | |
| Operator <input type="checkbox"/> | | | | | | | | | |
| Offset/Setup <input type="checkbox"/> | | | | | | | | | |
| Process <input type="checkbox"/> | | | | | | | | | |
| Supplier <input type="checkbox"/> | | | | | | | | | |
| Training <input type="checkbox"/> | | | | | | | | | |
| Transport <input type="checkbox"/> | | | | | | | | | |
| Unapproved <input type="checkbox"/> | | | | | | | | | |

FAULT CATEGORY

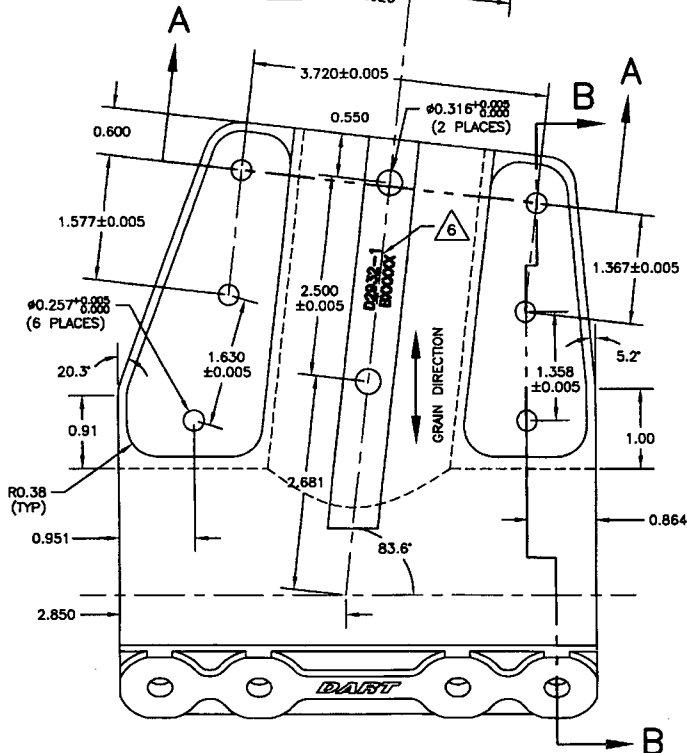
| | | | |
|--|--|---|--|
| Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube | General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function | <input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence | <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other |
|--|--|---|--|

RELEASED

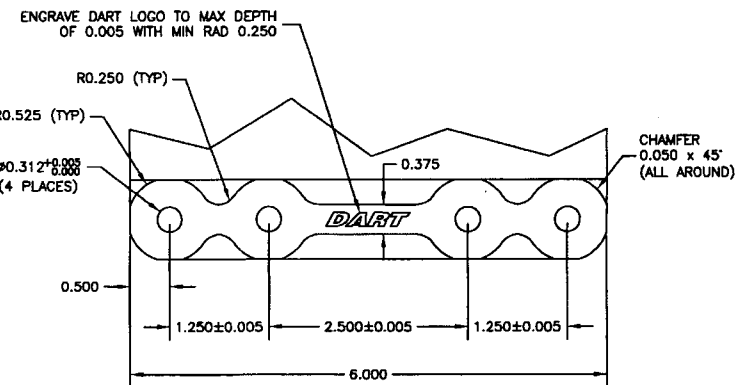
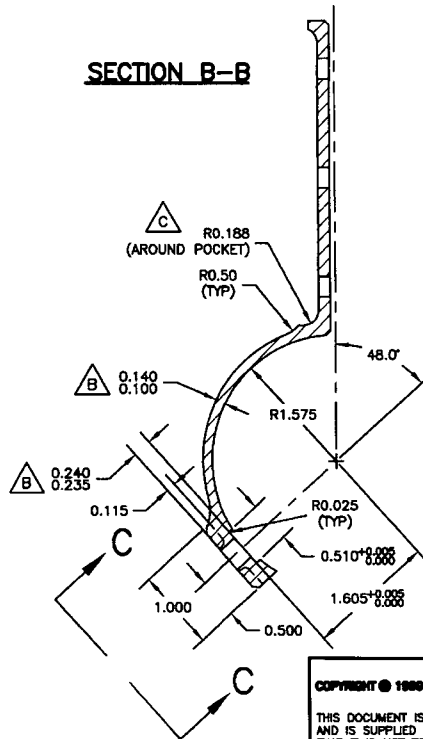
07-02-12



SECTION A-A



SECTION B-B



VIEW C-C

D2932-1 LH SADDLE (SHOWN)
D2932-2 RH SADDLE (OPPOSITE)

NOTES:

- 1) MATERIAL: ALUMINUM 7075-T7351 (QQ-A-250/12)
(MAKE FROM D6101-003 SADDLE BILLET, 7075)
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT GLOSS WHITE (REF 4.3.5.1) PER DART QSI 005 4.3
- 3) BREAK ALL SHARP EDGES 0.010 TO 0.020
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED.
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) ENGRAVE PART AND BATCH NUMBER IN THIS AREA 0.010 TO 0.015 DEEP

| | | |
|---------|----------|-------------------------------|
| C | 06.11.09 | R0.188 WAS R0.30 TO R0.25 |
| B | 00.05.29 | CHANGED GEOMETRY AND MATERIAL |
| A | 99.10.29 | NEW ISSUE |
| DESIGN | 4 | DRAWN BY CB |
| CHECKED | PH | APPROVED |
| DATE | 06.11.09 | TITLE |
| | | SADDLE OUTSIDE |

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DART AEROSPACE USA, INC.

DART DART AEROSPACE USA, INC.
BELLINGHAM, WA

REV. C
D2932
SHEET 1 OF 1

SCALE
2:3

| | | |
|---|---------------------|--------------------|
| DART AEROSPACE LTD | Work Order: | |
| Description: 206 Saddle, Outboard, Left side | Part Number: | D2932-1 |
| Inspection Dwg: D2932 Rev. C | | Page 1 of 1 |

Inspect dimensions highlighted on inspection sheet drawing D2932 Rev. C and record below:

| | | | | Recorded Actual Dimensions | | | | | |
|---------------|-------|-------|----------------|----------------------------|-------|-------|-------|----|------|
| Dim | Min | Max | Go/No Go Gauge | 1 | 2 | 3 | 4 | By | Date |
| A | 0.100 | 0.140 | | .120 | .120 | .121 | .121 | | |
| B | 0.100 | 0.140 | | .130 | .130 | .130 | .130 | | |
| C | 0.100 | 0.140 | | .120 | .120 | .121 | .120 | | |
| D | 0.210 | 0.230 | | .218 | .217 | .218 | .217 | | |
| E | 1.245 | 1.255 | | 1.250 | 1.250 | 1.250 | 1.250 | | |
| F | 1.245 | 1.255 | | 1.250 | 1.250 | 1.250 | 1.250 | | |
| G | 2.495 | 2.505 | | 2.500 | 2.500 | 2.500 | 2.500 | | |
| H | 0.510 | 0.515 | | .510 | .510 | .510 | .510 | | |
| I | 1.572 | 1.582 | | 1.577 | 1.577 | 1.577 | 1.577 | | |
| J | 2.495 | 2.505 | | 2.500 | 2.500 | 2.500 | 2.500 | | |
| K | 0.257 | 0.262 | | .258 | .258 | .258 | .258 | | |
| L | 0.312 | 0.317 | | .314 | .314 | .314 | .314 | | |
| M | 0.235 | 0.240 | | .237 | .238 | .238 | .237 | | |
| N | 0.100 | 0.140 | | .107 | .119 | .118 | .119 | | |
| O | 0.540 | 0.560 | | .546 | .547 | .547 | .546 | | |
| P | 0.490 | 0.510 | | .498 | .497 | .498 | .497 | | |
| Q | 3.715 | 3.725 | | 3.720 | 3.720 | 3.720 | 3.720 | | |
| R | 2.470 | 2.510 | | 2.489 | 2.492 | 2.492 | 2.491 | | |
| S | 0.240 | 0.270 | | .245 | .245 | .245 | .245 | | |
| T | 0.100 | 0.180 | | .135 | .135 | .135 | .135 | | |
| U | 1.625 | 1.635 | | 1.630 | 1.630 | 1.630 | 1.630 | | |
| V | 1.362 | 1.372 | | 1.367 | 1.367 | 1.367 | 1.367 | | |
| W | 0.316 | 0.321 | | .317 | .317 | .317 | .317 | | |
| X | 1.125 | 1.145 | | 1.138 | 1.137 | 1.137 | 1.138 | | |
| Y | 1.565 | 1.585 | | 1.578 | 1.578 | 1.578 | 1.578 | | |
| Z | 0.178 | 0.198 | | .188 | .188 | .188 | .188 | | |
| AA | | | | | | | | | |
| AB | | | | | | | | | |
| AC | | | | | | | | | |
| AD | | | | | | | | | |
| AE | | | | | | | | | |
| AF | | | | | | | | | |
| AG | | | | | | | | | |
| AH | | | | | | | | | |
| Accept/Reject | | | | | | | | | |

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|------------------------|
| Measured by: <u>DP</u> |
| Date: <u>14-03-27</u> |

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| Audited by: <u>DAS</u> |
| Date: <u>14/03/31</u> |

| Rev | Date | Change | Revised by | Approved |
|-----|----------|---|------------|----------|
| A | | New Issue | RF | |
| B | 02.12.12 | Re-format; Added Dim. X-Y, DT8683, DT8686, DT8690 | KJ/RF | |
| C | 07.03.21 | Revised per drawing revision C | KJ/JLM | |

| | | | |
|---|--|---------------------|----------------|
| DART AEROSPACE LTD | | Work Order: | |
| Description: 206 Saddle, Outboard, Left side | | Part Number: | D2932-1 |
| Inspection Dwg: D2932 Rev. C | | Page 1 of 1 | |

Inspect dimensions highlighted on inspection sheet drawing D2932 Rev. C and record below:

| | | | | Recorded Actual Dimensions | | | | | |
|---------------|-------|-------|----------------|----------------------------|-------|-------|-------|----|------|
| Dim | Min | Max | Go/No Go Gauge | 5 A | 6 2 | 7 3 | 8 4 | By | Date |
| A | 0.100 | 0.140 | | .120 | .120 | .117 | .117 | | |
| B | 0.100 | 0.140 | | .130 | .130 | .130 | .130 | | |
| C | 0.100 | 0.140 | | .120 | .117 | .117 | .113 | | |
| D | 0.210 | 0.230 | | .216 | .218 | .221 | .219 | | |
| E | 1.245 | 1.255 | | 1.250 | 1.250 | 1.250 | 1.250 | | |
| F | 1.245 | 1.255 | | 1.250 | 1.250 | 1.250 | 1.250 | | |
| G | 2.495 | 2.505 | | 2.500 | 2.500 | 2.500 | 2.500 | | |
| H | 0.510 | 0.515 | | .510 | .510 | .510 | .510 | | |
| I | 1.572 | 1.582 | | 1.577 | 1.577 | 1.577 | 1.577 | | |
| J | 2.495 | 2.505 | | 2.500 | 2.500 | 2.500 | 2.500 | | |
| K | 0.257 | 0.262 | | .258 | .258 | .258 | .258 | | |
| L | 0.312 | 0.317 | | .314 | .314 | .314 | .314 | | |
| M | 0.235 | 0.240 | | .237 | .237 | .236 | .237 | | |
| N | 0.100 | 0.140 | | .117 | .117 | .117 | .115 | | |
| O | 0.540 | 0.560 | | .546 | .546 | .546 | .546 | | |
| P | 0.490 | 0.510 | | .498 | .498 | .497 | .499 | | |
| Q | 3.715 | 3.725 | | 3.720 | 3.720 | 3.720 | 3.720 | | |
| R | 2.470 | 2.510 | | 2.487 | 2.491 | 2.489 | 2.490 | | |
| S | 0.240 | 0.270 | | .245 | .245 | .245 | .245 | | |
| T | 0.100 | 0.180 | | .135 | .135 | .135 | .135 | | |
| U | 1.625 | 1.635 | | 1.630 | 1.630 | 1.630 | 1.630 | | |
| V | 1.362 | 1.372 | | 1.367 | 1.367 | 1.367 | 1.367 | | |
| W | 0.316 | 0.321 | | .317 | .317 | .317 | .317 | | |
| X | 1.125 | 1.145 | | 1.137 | 1.137 | 1.137 | 1.137 | | |
| Y | 1.565 | 1.585 | | 1.578 | 1.577 | 1.578 | 1.578 | | |
| Z | 0.178 | 0.198 | | .188 | .188 | .188 | .188 | | |
| AA | | | | | | | | | |
| AB | | | | | | | | | |
| AC | | | | | | | | | |
| AD | | | | | | | | | |
| AE | | | | | | | | | |
| AF | | | | | | | | | |
| AG | | | | | | | | | |
| AH | | | | | | | | | |
| Accept/Reject | | | | | | | | | |

| | |
|--------------|--------------------|
| Measured by: | <i>[Signature]</i> |
| Date: | 14-03-28 |

| | |
|-------------|--------------------|
| Audited by: | <i>[Signature]</i> |
| Date: | 14/03/21 |

| Rev | Date | Change | Revised by | Approved |
|-----|----------|---|------------|--------------------|
| A | | New Issue | RF | |
| B | 02.12.12 | Re-format; Added Dim. X-Y, DT8683, DT8686, DT8690 | KJ/RF | |
| C | 07.03.21 | Revised per drawing revision C | KJ/JLM | <i>[Signature]</i> |

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|---|---------------------|----------------|
| DART AEROSPACE LTD | Work Order: | |
| Description: 206 Saddle, Outboard, Left side | Part Number: | D2932-1 |
| Inspection Dwg: D2932 Rev. C | Page 1 of 1 | |

Inspect dimensions highlighted on inspection sheet drawing D2932 Rev. C and record below:

| | | | | Recorded Actual Dimensions | | | | | |
|---------------|-------|-------|----------------|----------------------------|-----------------|-----------------|-----------------|----|------|
| Dim | Min | Max | Go/No Go Gauge | 1 ₉ | 2 ₁₀ | 3 ₁₁ | 4 ₁₂ | By | Date |
| A | 0.100 | 0.140 | | .117 | .116 | .117 | .117 | | |
| B | 0.100 | 0.140 | | .117 | .118 | .118 | .117 | | |
| C | 0.100 | 0.140 | | .113 | .114 | .113 | .114 | | |
| D | 0.210 | 0.230 | | .220 | .221 | .219 | .220 | | |
| E | 1.245 | 1.255 | | 1.250 | 1.250 | 1.250 | 1.250 | | |
| F | 1.245 | 1.255 | | 1.250 | 1.250 | 1.250 | 1.250 | | |
| G | 2.495 | 2.505 | | 2.500 | 2.500 | 2.500 | 2.500 | | |
| H | 0.510 | 0.515 | | .510 | .510 | .510 | .510 | | |
| I | 1.572 | 1.582 | | 1.577 | 1.577 | 1.577 | 1.577 | | |
| J | 2.495 | 2.505 | | 2.500 | 2.500 | 2.500 | 2.500 | | |
| K | 0.257 | 0.262 | | .258 | .258 | .258 | .258 | | |
| L | 0.312 | 0.317 | | .314 | .314 | .314 | .314 | | |
| M | 0.235 | 0.240 | | .237 | .237 | .237 | .237 | | |
| N | 0.100 | 0.140 | | .115 | .116 | .117 | .115 | | |
| O | 0.540 | 0.560 | | .547 | .547 | .547 | .547 | | |
| P | 0.490 | 0.510 | | .500 | .497 | .498 | .498 | | |
| Q | 3.715 | 3.725 | | 3.720 | 3.720 | 3.720 | 3.720 | | |
| R | 2.470 | 2.510 | | 2.490 | 2.490 | 2.490 | 2.490 | | |
| S | 0.240 | 0.270 | | .247 | .247 | .247 | .247 | | |
| T | 0.100 | 0.180 | | .135 | .135 | .135 | .135 | | |
| U | 1.625 | 1.635 | | 1.630 | 1.630 | 1.630 | 1.630 | | |
| V | 1.362 | 1.372 | | 1.367 | 1.367 | 1.367 | 1.367 | | |
| W | 0.316 | 0.321 | | .316 | .316 | .316 | .316 | | |
| X | 1.125 | 1.145 | | 1.137 | 1.137 | 1.136 | 1.137 | | |
| Y | 1.565 | 1.585 | | 1.578 | 1.577 | 1.576 | 1.576 | | |
| Z | 0.178 | 0.198 | | .188 | .188 | .188 | .188 | | |
| AA | | | | | | | | | |
| AB | | | | | | | | | |
| AC | | | | | | | | | |
| AD | | | | | | | | | |
| AE | | | | | | | | | |
| AF | | | | | | | | | |
| AG | | | | | | | | | |
| AH | | | | | | | | | |
| Accept/Reject | | | | | | | | | |

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| Measured by: | DAS |
| Date: | 40 9-89 14/3/29 |

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|-------------|----------------------|
| Audited by: | DAS |
| Date: | 9-89 14/03/31 |

| Rev | Date | Change | Revised by | Approved |
|-----|----------|---|------------|----------|
| A | | New Issue | RF | |
| B | 02.12.12 | Re-format; Added Dim. X-Y, DT8683, DT8686, DT8690 | KJ/RF | |
| C | 07.03.21 | Revised per drawing revision C | KJ/JLM | |